THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 573, PART 2

2002 JULY 1, NUMBER 1

	Page
A LARGE BRIGHTNESS ENHANCEMENT OF THE QSO 0957+561 A COMPONENT *A. Oscoz, D. Alcalde, M. Serra-Ricart, E. Mediavilla, and J. A. Muñoz*	L1
THE FORMATION OF LOW-MASS CLUSTER GALAXIES AND THE UNIVERSAL INITIAL GALAXY MASS FUNCTION *Christopher J. Conselice*	L5
A CORRELATION BETWEEN LIGHT CONCENTRATION AND CLUSTER LOCAL DENSITY FOR ELLIPTICAL GALAXIES *I. Trujillo, J. A. L. Aguerri, C. M. Gutiérrez, N. Caon, and J. Cepa*	L9
CHANDRA OBSERVATIONS OF ABELL 2029: NO COOLING FLOW AND A STEEP ABUNDANCE GRADIENT Ⓔ *Aaron D. Lewis, John T. Stocke, and David A. Buote*	L13
REMNANTS OF THE SAGITTARIUS DWARF SPHEROIDAL GALAXY AROUND THE YOUNG GLOBULAR CLUSTER PALOMAR 12 *D. Martínez-Delgado, R. Zinn, R. Carrera, and C. Gallart*	L19
SPIN-INDUCED DISK PRECESSION IN THE SUPERMASSIVE BLACK HOLE AT THE GALACTIC CENTER *Siming Liu and Fulvio Melia*	L23
X-RAY EMISSION FROM THE TYPE Ic SUPERNOVA 1994I OBSERVED WITH *CHANDRA* Ⓔ *Stefan Immler, Andrew S. Wilson, and Yuichi Terashima*	L27
MAGNETOHYDRODYNAMIC ACCELERATION OF THE CRAB PULSAR WIND *I. Okamoto*	L31
NEAR-INFRARED SYNCHROTRON EMISSION FROM THE COMPACT JET OF GX 339−4 *S. Corbel and R. P. Fender*	L35
THE NEXT GEMINGA: DEEP MULTIWAVELENGTH OBSERVATIONS OF A NEUTRON STAR IDENTIFIED WITH 3EG J1835+5918 *J. P. Halpern, E. V. Gotthelf, N. Mirabal, and F. Camilo*	L41
XMM-NEWTON OBSERVATIONS OF THE NEUTRON STAR X-RAY TRANSIENT KS 1731−260 IN QUIESCENCE Ⓔ *Rudy Wijnands, Matteo Guainazzi, Michiel van der Klis, and Mariano Méndez*	L45
K-BAND RED CLUMP DISTANCE TO THE LARGE MAGELLANIC CLOUD *David R. Alves, Marina Rejkuba, Dante Minniti, and Kem H. Cook*	L51
HIGH-RESOLUTION CO AND H_2 MOLECULAR LINE IMAGING OF A COMETARY GLOBULE IN THE HELIX NEBULA *P. J. Huggins, T. Forveille, R. Bachiller, P. Cox, N. Ageorges, and J. R. Walsh*	L55
SOLAR PARTICLE EVENT WITH EXCEPTIONALLY HIGH ^{3}He ENHANCEMENT IN THE ENERGY RANGE UP TO 50 MeV NUCLEON^{-1} *J. Torsti, L. Kocharov, J. Laivola, N. Lehtinen, M. L. Kaiser, and M. J. Reiner*	L59
A COLLISIONAL FAMILY IN THE CLASSICAL KUIPER BELT *E. I. Chiang*	L65
INSTRUCTIONS TO AUTHORS OF LETTERS, AND ADDITIONAL USEFUL INFORMATION	*Inside Back Cover*
INSTRUCTIONS FOR ELECTRONIC MANUSCRIPT SUBMISSION	*Back Cover*

2002 JULY 10, NUMBER 2

	Page
FIRST MEASUREMENT OF CLUSTER TEMPERATURE USING THE THERMAL SUNYAEV-ZEL'DOVICH EFFECT *Steen H. Hansen, Sergio Pastor, and Dmitry V. Semikoz*	L69
NEW LIMITS ON THE POLARIZED ANISOTROPY OF THE COSMIC MICROWAVE BACKGROUND AT SUBDEGREE ANGULAR SCALES *M. M. Hedman, D. Barkats, J O. Gundersen, J. J. McMahon, S. T. Staggs, and B. Winstein*	L73
DISCOVERY OF AN IONIZED Fe K EDGE IN THE $z = 3.91$ BROAD ABSORPTION LINE QUASAR APM 08279+5255 WITH *XMM-NEWTON* *G. Hasinger, N. Schartel, and S. Komossa*	L77

EXTREME X-RAY IRON LINES IN ACTIVE GALACTIC NUCLEI L81
N. A. Levenson, J. H. Krolik, P. T. Życki, T. M. Heckman, K. A. Weaver, H. Awaki, and Y. Terashima

AN FeLoBAL BINARY QUASAR L85
Michael D. Gregg, Robert H. Becker, Richard L. White, Gordon T. Richards, Fred H. Chaffee, and Xiaohui Fan

CHANDRA OBSERVATIONS OF UNRESOLVED X-RAY SOURCES AROUND TWO CLUSTERS OF GALAXIES L91
Sandor M. Molnar, John P. Hughes, Megan Donahue, and Marshall Joy

DISCOVERY OF AN ACCRETED STELLAR SYSTEM WITHIN THE GLOBULAR CLUSTER ω CENTAURI L95
F. R. Ferraro, M. Bellazzini, and E. Pancino

^{13}CO MAPPING OF THE LOW-METALLICITY BLUE COMPACT DWARF GALAXY MARKARIAN 86 L101
A. Gil de Paz, S. A. Silich, B. F. Madore, C. Sánchez Contreras, J. Zamorano, and J. Gallego

DISCOVERY OF HIGH-LATITUDE CO IN AN H I SUPERSHELL IN NGC 5775 L107
S.-W. Lee, E. R. Seaquist, S. Leon, S. García-Burillo, and J. A. Irwin

DECAPITATING THE DUCK: THE (NON)ASSOCIATION OF PSR B1757−24 AND SUPERNOVA REMNANT G5.4−1.2 L111
S. E. Thorsett, W. F. Brisken, and W. M. Goss

PROBING DUST AROUND BROWN DWARFS: THE NAKED LP 944-20 AND THE DISK OF CHAMAELEON Hα 2 L115
D. Apai, I. Pascucci, Th. Henning, M. F. Sterzik, R. Klein, D. Semenov, E. Günther, and B. Stecklum

H I: A CHEMICAL TRACER OF TURBULENT DIFFUSION IN MOLECULAR CLOUDS L119
Karen Willacy, William D. Langer, and Mark Allen

PROPER MOTIONS IN THE KNOTTY, BIPOLAR JET IN HENIZE 2-90 L123
R. Sahai, S. Brillant, M. Livio, E. K. Grebel, W. Brandner, S. Tingay, and L.-Å. Nyman

MIXING AND ACCRETION IN λ BOOTIS STARS L129
S. Turcotte

PHOTOSPHERIC MOTIONS AND CORONAL MASS EJECTION PRODUCTIVITY L133
A. Nindos and H. Zhang

A REAPPRAISAL OF THE SOLAR PHOTOSPHERIC C/O RATIO L137
Carlos Allende Prieto, David L. Lambert, and Martin Asplund

INSTRUCTIONS TO AUTHORS OF LETTERS, AND ADDITIONAL USEFUL INFORMATION *Inside Back Cover*

INSTRUCTIONS FOR ELECTRONIC MANUSCRIPT SUBMISSION *Back Cover*